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*Seville*.—Month of August, 1909. Census population, 148,315. Total number of deaths, 409, including diphtheria 3, enteric fever 3, scarlet fever 3, and 86 from tuberculosis.

*Cholera, yellow fever, plague, and smallpox, from June 26 to October 8, 1909.*

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State and from other sources.]

For reports received from December 25, 1908, to June 25, 1909, see PUBLIC HEALTH REPORTS for June 25, 1909.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

## CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Amoy.....	June 13-Aug. 28.....		161	
Chefoo.....	Aug. 28.....		5	Among Europeans.
Hankow.....	July 17-Aug. 21.....	7	5	
Kang Thau.....	Apr. 1-June 30.....	4	2	
Shanghai.....	July 26-31.....	3	1	On s. s. Hudson; Aug. 7, present among foreigners and natives; Aug. 21, still present among natives.
Swatow.....	May 11-29.....			Present in vicinity.
Germany:				
Konigsberg.....	July 21.....		1	
India:				
Bombay.....	May 30-Aug. 31.....		344	
Calcutta.....	May 16-Aug. 21.....		406	
Madras.....	May 29-Aug. 20.....		7	
Negapatam.....	May 8-14.....		4	
Rangoon.....	May 16-Aug. 21.....		45	
Indo-China:				
Saigon.....	May 9-July 24.....	23	17	
Japan:				
Amagasaki.....	Aug. 14-21.....	4		
Kagawa, prefecture.....	Aug. 8-14.....	7		
Karatsu.....	Sept. 1.....	2		On s. s. Taian Maru.
Kobe.....	Sept. 13.....			Present, and July 31, 1 case in vicinity.
Mitajiri.....	Aug. 22.....	21		From s. s. Kaga Maru.
Java:				
Batavia.....	Sept. 21.....			Present.
Korea.....	Aug. 28.....			Epidemic in northern part.
Manchuria:				
Dalny.....	Aug. 11.....	1		On s. s. Kobe Maru.
Liaoyang.....	Aug. 10.....		1	
Mukden.....	Aug. 14.....		1	
Tashihchiao.....	Aug. 11.....		1	
Yinkou.....	Aug. 14.....	6	1	
Netherlands, The.....	Aug. 20-Sept. 4.....			5 deaths among boatmen from Rotterdam.
Amsterdam.....	Sept. 10.....	1	1	
Breda.....	Aug. 30-Sept. 4.....	1		
Dirksland.....	Sept. 10.....	1		
Dordrecht.....	Aug. 30.....			Present.
Gorkum.....	Aug. 30-Sept. 4.....	1		
Middleburg.....	Sept. 4.....	1		
Rotterdam.....	Aug. 20-Sept. 11.....	34	15	
Tholen.....	Sept. 4.....	1		
Uithorn.....	Aug. 30-Sept. 4.....	1		
Utrecht.....	Sept. 4.....	1		
Vlaardinger.....	Sept. 4.....	1		

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands:				
Manila.....	July 11-Aug. 28...	5	4	Fourth quarter 1908, 308 cases and 190 deaths; first quarter 1909, 1 death (imported); second quarter, 1909, no cholera.
Provinces.....				Fourth quarter 1908, 7,330 cases and 4,292 deaths; first quarter 1909, 2,221 cases and 1,405 deaths; second quarter 1909, 961 cases and 630 deaths.
Albay.....	June 27-Aug. 28...	343	253	
Ambos Camarines.....	July 4-Aug. 28....	377	271	
Bohol.....	Aug. 28.....	14	10	
Bulacan.....	July 4-Aug. 28....	104	77	
Cagayan.....	July 11-Aug. 28....	210	111	
Cebu.....	May 16-Aug. 28....	59	29	
Dapitan.....	May 9-15.....			Present.
Ilocos Norte.....	Aug. 15-28.....	84	47	
Iloilo.....	May 23-June 19....	28	18	
Isabela.....	July 18-24.....	5	4	
Leyte.....	June 6-July 31....	22	11	
Moro.....	May 29-July 3....	9	9	
Mountain.....	June 20-26.....	27	15	
Negros Occidental.....	May 9-15.....	8	2	
Negros Oriental.....	May 16-Aug. 28....	383	267	
Pampanga.....	May 9-Aug. 28....	377	267	
Pangasinan.....	June 13-19.....	1		
Rizal.....	July 25-Aug. 28....	2	1	
Samar.....	May 9-July 10....	42	26	
Sorsogon.....	May 9-15.....	8	2	
Tarlac.....	July 4-Aug. 28....	13	11	
Russia, general.....	May 23-Sept. 4....	8,214	3,313	July 23, present in Kreutzburg, Mahlgraben, Muravjevo, Pilega, Radsiwilischki, Reval, Schaulen, and Tver.
Alexandrovsk.....	Aug. 28-Sept. 10....	8	6	
Archangel.....	June 26-Sept. 17....	337	184	
Astrachan.....	Sept. 17.....	4	3	
Baku, government.....	July 4-10.....	1		
Chmalysk, district.....	July 1.....	1		
Courland.....	July 5-Sept. 3....	138	47	
Cronstadt.....	June 30-Sept. 17....	66	26	
Dorpat.....	Aug. 14-20.....	1		
Drissa.....	July 23-Sept. 17....	38	17	
Esthonia, government.....	July 1-Aug. 21....	4	3	
Finland, general.....	July 16.....	1		
Marientham.....	June 23-24.....	1	1	
Viborg.....	July 9-16.....	1		
Gadjatschsk.....	Aug. 13-Sept. 3....	53	18	
Hungerburg.....	July 30-Sept. 17....	8	4	
Jaroslav, government.....	Sept. 11-17.....	122	59	
Jaroslav.....	July 4-Sept. 17....	405	205	
Kem.....	Aug. 8-Sept. 3....	45	23	
Kharkov.....	Aug. 1-Sept. 3....	20	10	
Kief.....	Sept. 11.....	10	10	
Kostroma.....	July 23-Sept. 17....	48	14	July 30, present.
Kretsky, district.....	July 1.....	1		
Livonia.....	July 5-Aug. 21....	85	41	
Mitan.....	July 15-Sept. 3....	15	10	
Mohileve.....	Aug. 21-Sept. 17....	48	19	
Moscow.....	July 9-Sept. 17....	14	5	
Nishni Novgorod.....	July 4-Sept. 17....	57	31	
Novgorod, government.....	July 4-Sept. 17....	312	109	
Olonets, government.....	June 20-Aug. 14....	11	7	
Perm.....	Aug. 2-Sept. 17....	22	9	
Polotzk.....	June 27-Sept. 17....	688	195	
Poltava, government.....	Aug. 15-Sept. 17....	78	37	
Pskov.....	July 1-Sept. 17....	120	42	
Reval.....	Aug. 21-27.....	2		
Riga.....	July 1-Sept. 17....	281	107	
Rjasin.....	June 24-July 16....	3	3	
Rubinsk.....	July 30-Sept. 17....	185	103	
Samara.....	Aug. 15-17.....	5	2	
Saratov.....	Aug. 15-27.....	4	1	
Simbirsk.....	July 13.....	2		
St. Petersburg, government.....	June 9-July 31....	474	169	
St. Petersburg.....	June 2-Sept. 17....	4,722	1,837	
Tver government.....	Aug. 15-Sept. 17....	189	39	
Viatka, government.....	July 6-24.....	2	2	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Russia—Continued.				
Vilna.....	July 11-Aug. 21...	61	20	
Vitebsk, government.....	July 9-Sept. 17....	703	261	
Vologda, government.....	May 31-Sept. 17....	482	203	
Saim:				
Bangkok.....	Apr. 25-May 28....	1		
Siberia:				
Vladivostock.....	Sept. 23.....			Present.
Straits Settlements:				
Singapore.....	May 9-June 5.....		18	
Sumatra:				
Djambi.....	July 15-31.....	170	78	Among natives.
Sweden:				
Stockholm.....	Aug. 12.....	1		Imported.

## YELLOW FEVER.

Barbados, general.....	June 13-Aug. 14....	2	1	St. Joseph Parish, December to June, 14 deaths not previously reported.
Brazil:				
Bahia.....	May 22-Aug. 27....	40	19	
Manaos.....	May 23-Aug. 14....		11	Apr. 24-May 1-2 deaths. Reported out of date.
Para.....	May 30-Sept. 11....	49	46	
Pernambuco.....	Apr. 15-July 31....		10	
British Guiana:				
Suddie.....	July 22.....	1	1	35 miles from Georgetown.
Ecuador:				
Guayaquil.....	May 23-Aug. 21....		43	
Mexico:				
Merida.....	June 5-Sept. 17....	9	3	Sept. 11, 2 cases imported from the district of Acanceh.
Veracruz.....	Sept. 24.....		1	On s. s. Sonora.
Panama:				
Camal Zone—				
Ancon.....	Mar. 1-31.....			1 case at Culebra Island quarantine station, from a vessel, and 1 fatal case en route from Guayaquil.
Venezuela:				
Malquetia.....	Aug. 15-25.....	2	2	

## PLAGUE.

Australia:				
Adelaide.....	Apr. 30-June 12....	2	2	And vicinity.
Mackay.....	Jan. 21-June 6....	2	2	
Sydney.....	Apr. 18-May 29....	5	1	
Azores:				
Terceira.....	June 16.....	3	1	
Bahrain Island, Persian Gulf...	May 29-June 10....		6	
Brazil:				
Bahia.....	May 22-Aug. 6....	22	13	
Rio de Janeiro.....	May 17-July 10....	2	1	
Chile:				
Antofagasta.....	May 9-30.....	13	5	July 10, 4 cases in the lazaretto.
Iquique.....	May 20-Sept. 5....	20	9	Sept. 5, 2 cases in the lazaretto.
Magillones.....	May 4.....			Still present.
China:				
Amoy.....	June 1-Aug. 28....		822	
Canton.....	May 9-Aug. 7....	325	211	
Chang-Poo.....	July 23.....			Epidemic.
Chinchew.....	May 22.....			Do.
Eng-Ta-Tau.....	July 1-31.....	11	4	
Hongkong.....	May 2-Aug. 28....	92	83	
Kang-be.....	July 24.....	61	59	
Kang Thau.....	Apr. 1-July 31....	125	62	
Pollam.....	May 23-29.....	8	7	
Swatow district.....	May 16-July 3....		450	July 1, 200 cases still present in Touchowfu and Yin Shan.
Swatow.....	May 16-July 19....		2	
Ecuador:				
Chunchi.....	June 1-30.....	3	1	
Duran.....	July 16-31.....	3		
Guayaquil.....	May 23-Aug. 28....		45	
Huigra.....	May 1-June 15....	16	3	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Egypt:</b>				
Alexandria.....	May 30-Aug. 19...	12	9	
Port Said.....	May 29-Aug. 24...	13	5	
Provinces—				
Assiout.....	May 14-Aug. 28...	48	8	
Beherach.....	June 14-Aug. 15...	36	14	
Galyoobeeyeh.....	June 2-Aug. 28...	7	2	
Garbieh.....	June 2-Sept. 1....	43	17	
Favyum.....	June 3-23.....	15	6	
Menouf.....	Jan. 18-Aug. 17...	87	17	
<b>German East Africa:</b>				
Muanza district.....	Apr. 30-May 22...		12	
<b>Hawaii:</b>				
Hilo.....	Aug. 19-20.....	1	1	
Honolulu.....	July 20.....	1		The case arrived on the s. s. Korea, had been ill 11 days, and probably received infection at Hongkong.
Olaa plantation.....	Aug. 20-22.....	3	2	
<b>India:</b>				
Bombay Presidency and Sind.....	May 16-Aug. 7....	2,383	1,907	
Madras Presidency.....	May 16-Aug. 7....	1,055	650	
Bengal.....	May 16-Aug. 7....	829	717	
United provinces.....	May 16-Aug. 7....	2,134	1,905	
Punjab.....	May 16-Aug. 7....	7,063	6,064	
Burma.....	May 16-Aug. 7....	1,004	952	
Central provinces, including Berar.....	May 16-Aug. 7....	162	110	
Mysore State.....	May 16-Aug. 7....	707	500	
Central India.....	July 18-Aug. 7....	30	16	
Rajputana and Ajmer-Merwara.....	May 16-Aug. 7....	998	834	
Kashmir.....	May 16-June 12...	4	3	
Grand total.....		16,369	13,658	
<b>Indo-China:</b>				
Saigon.....	May 9-Aug. 14....	83	80	
<b>Japan:</b>				
Formosa.....	May 23-July 17...	223	156	In south and central parts. Sept. 13, again present.
Kobe.....	May 30-Sept. 4....	18	11	
Osaka.....	July 4-10.....	1	1	
Shikoku, island.....	July 17-Aug. 3....	3	1	
Tokyo.....	June 26.....	3		
Yokohama.....	May 25-Aug. 7....	28	24	
<b>Mauritius:</b>	Apr. 1-June 30...	12	12	
<b>Peru:</b>				
Arequipa, department.....	May 8-July 29....	11	2	Present.
Chala.....	July 3-15.....			
Mollendo.....	July 3-15.....			Do.
Cajamarca, department.....	May 8-July 15....	20	6	
Callao, department.....	May 8-Aug. 12....	10	4	
Callao.....	June 20-Aug. 7....			Do.
Ica, department.....	July 3-15.....	1		
Lambayeque, department.....	May 8-Aug. 12....	18	11	
Eten.....	July 15.....			Do.
Libertad, department.....	May 8-Aug. 26....	16	7	
Salaverry.....	July 15.....			Do.
Lima, department.....	May 8-Aug. 26....	30	12	
Cerro Azul.....	July 15.....			Do.
Moquegua, department.....	July 16-29.....	6	2	
Ilo.....	July 15.....			Do.
Pescadores Islands.....	June 27-July 3....	4		From s. s. Lodore.
Piura, department.....	June 18-Aug. 26...	32	22	
Paíta.....	June 20-July 15...			Present.
<b>Russia:</b>				
Kirgisenaul.....	Aug. 5-8.....	19	18	In the Ural district, to Aug. 14, 22 deaths.
<b>Slam:</b>				
Bangkok.....	Apr. 25-June 28...	13	13	
<b>Trinidad:</b>				
Port of Spain.....	June 13-July 18...	6	5	
<b>Turkey in Asia:</b>				
Adalia.....	June 25-July 29...	5	3	
Beirut.....	June 25-July 4....	1		In Harrett Aryk.
<b>Uruguay:</b>				
Montevideo.....	May 1-June 30....		2	
<b>Venezuela:</b>				
Caracas.....	June 18-Aug. 16...	13	3	
Zanzibar.....	July 14-26.....	3	3	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Algeria:				
Algiers.....	May 1-Aug. 31....	27	19	
Bona.....	June 1-Aug. 31....	49	25	
Arabia:				
Aden.....	Aug. 3-9.....		1	
Argentina:				
Buenos Ayres.....	Mar. 1-June 30....		31	
Rosario.....	Apr. 1-May 31....	2	2	
Austria:				
Galicia.....	June 6-July 31....	6		
Silesia.....	June 20-Aug. 7....	17		
Belgium:				
Antwerp.....	July 18-24.....	4		
Brazil:				
Bahia.....	May 22-Aug. 27....	56	22	
Pernambuco.....	Apr. 1-July 31....		65	
Rio de Janeiro.....	May 17-Aug. 22....	74	29	
Santos.....	May 10-16.....		1	
Sao Paulo.....	May 10-July 18....		12	
Canada:				
British Columbia—				
Vancouver.....	June 1-July 31....	4		
Nova Scotia—				
Halifax.....	June 13-Aug. 7....	5		
Quebec.....				
Montreal.....	June 17.....			2 cases additional at Grosse Isle on s. s. Virginian.
Ceylon:				
Colombo.....	May 23-29.....	2		
Chile:				
Valparaiso.....	May 16-Aug. 28....			Present.
Santiago.....	May 29-Aug. 21....			Do.
China:				
Amoy.....	June 1-July 10....	24	31	May 9-15; present.
Eng-Ta-Tau.....	July 1-31.....	9		
Hankow.....	Aug. 21.....	1		Apr. 26-June 12, present among natives.
Hongkong.....	May 2-June 26....	16	12	
Kang Thau.....	Apr. 1-June 30....	7	1	
Newchwang.....	Aug. 1-14.....	2	1	
Shanghai.....	May 10-Aug. 7....		8	Among natives.
Tientsin.....	June 27-July 3....	1	2	
Egypt, general.....	Apr. 30-Aug. 19....	1,464	335	
Alexandria.....	June 1-30.....	3		
Cairo.....	May 21-Sept. 9....		17	
Suez.....	May 21-July 8....	46	3	
Ecuador:				
Ensenada.....	Aug. 25.....			Epidemic.
Guayaquil.....	June 1-Aug. 10....	3		In July, 4 cases and 1 death in vicinity.
France:				
Marseille.....	June 1-30.....		5	
Nantes.....	July 1-31.....	1		
Paris.....	May 23-Sept. 11....	39	3	
Toulon.....	July 25-31.....		1	
Germany, general.....	May 30-Aug. 28....	21		
Gibraltar.....	Aug. 8.....	1		
Great Britain:				
Cardiff.....	July 6.....	1		
Liverpool.....	June 21-26.....	2		Case, June 22, from s. s. Canada.
India:				
Bombay.....	May 26-Aug. 31....		88	
Calcutta.....	May 16-Aug. 7....		126	
Madras.....	May 22-Aug. 20....		14	
Rangoon.....	May 12-Aug. 14....		28	
Indo-China:				
Salgon.....	May 9-Aug. 7....	21	20	
Italy, general.....	May 31-Sept. 12....	227		
Genoa.....	June 1-Aug. 15....	13		
Naples.....	May 31-Sept. 12....	283	49	
Ottiana.....	June 23.....	1		
Rome.....	Mar. 7-13.....	1	1	
Japan:				
Formosa.....	June 13-19.....	1		
Moji.....	June 6.....	1		From s. s. Selja.
Osaka.....	Jan. 1-May 31....	3		
Yokohama.....	June 1-7.....	1		
Java:				
Batavia.....	May 6-Aug. 21....	23		
Mauritius:				
Port Louis.....	Apr. 1-30.....	1	1	

*Cholera, yellow fever, plague, and smallpox, etc.—Continued.*

## SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
<b>Mexico:</b>				
Aguascalientes.....	June 21-27.....	.....	1	
Chihuahua.....	Aug. 16-22.....	1	.....	
Guadalajara.....	June 11-Sept. 9.....	.....	4	
Mexico.....	May 16-Aug. 28.....	.....	86	
Monterey.....	June 14-Sept. 19.....	.....	27	
Veracruz.....	June 1-Sept. 6.....	12	4	Aug. 12; 6 cases imported from Medellín.
<b>Newfoundland:</b>				
St. Johns.....	Sept. 4.....	3	.....	
<b>Norway, general</b> .....	Apr. 1-May 30.....	3	.....	
<b>Panama:</b>				
Canal Zone—				
Ancon.....	Mar. 1-31.....	1	.....	At Culebra Island quarantine station; from a vessel.
<b>Persia:</b>				
Khorassan.....	June 1-30.....	.....	.....	Epidemic.
Kurdistan.....	June 1-30.....	.....	.....	Do.
Mazanderan.....	July 1-31.....	.....	.....	Do.
Meshed-i-Sur.....	June 1-30.....	.....	.....	Epidemic in vicinity.
Shiraz.....	May 1-31.....	.....	.....	Present.
Turbat-i-Haidari.....	May 1-31.....	.....	.....	Do.
<b>Peru:</b>				
Lima.....	July 4-10.....	1	.....	In the lazaretto.
Mollendo.....	Aug. 28.....	.....	.....	Present.
<b>Philippine Islands:</b>				
Manila.....	May 9-July 31.....	17	7	Fourth quarter, 1908, 28 cases and 8 deaths; first quarter, 1909, 55 cases and 16 deaths; second quarter, 1909, 76 cases and 9 deaths.
<b>Portugal:</b>				
Lisbon.....	May 30-Sept. 11.....	120	.....	
<b>Russia:</b>				
Libau.....	May 6-Aug. 1.....	4	.....	
Moscow.....	May 16-Sept. 4.....	348	107	
Odessa.....	May 30-Sept. 4.....	68	11	
Riga.....	June 6-Sept. 11.....	67	.....	May 1-June 30, 17 deaths.
St. Petersburg.....	May 16-Sept. 4.....	352	80	
Warsaw.....	Apr. 25-July 31.....	.....	17	
<b>Siam:</b>				
Bangkok.....	Apr. 25-June 28.....	2	1	
<b>Siberia:</b>				
Vladivostok.....	May 15-June 3.....	4	1	
<b>Spain:</b>				
Barcelona.....	June 1-Sept. 11.....	.....	61	
Huelva.....	May 1-July 31.....	.....	21	
Madrid.....	May 1-Aug. 31.....	.....	352	
Seville.....	May 1-June 30.....	.....	2	
Tarragona.....	July 20-26.....	.....	1	
Valencia.....	May 20-Sept. 11.....	72	3	
Vigo.....	May 23-Sept. 11.....	.....	13	
<b>Straits Settlements:</b>				
Penang.....	Aug. 15-21.....	1	.....	
Singapore.....	May 16-July 10.....	.....	2	
<b>Switzerland:</b>				
Aargau, canton.....	June 20-26.....	1	.....	
Fribourg, canton.....	June 13-19.....	1	.....	
Geneva, canton.....	May 30-June 26.....	9	.....	
<b>Tripoli:</b>				
Tripoli.....	May 23-Aug. 28.....	84	17	
<b>Turkey in Asia:</b>				
Bagdad.....	July 19.....	.....	.....	Present in interior.
Bassorah.....	May 9-Aug. 14.....	.....	.....	Present.
Hadjin.....	May 23-June 26.....	.....	.....	Do.
Smyrna.....	July 19.....	.....	.....	Do.
<b>Turkey in Europe:</b>				
Constantinople.....	May 7-Aug. 6.....	.....	64	
<b>Uruguay:</b>				
Montevideo.....	May 31-Aug. 1.....	.....	8	
	Apr. 1-June 30.....	.....	10	